

CLAIMS

What is claimed is:

1. An electrical connector comprising an insulating housing with two SMT type electrical communication ports wrapped by a metal shield and fixed on a PCB (printed circuit board); said insulating housing further having a sliding slot located on upper surface of the insulating housing near a port and a fastening slot slanted bias in an angle on the insulating housing near the upper surface of the other port; the metal shield having an opening between two ends, a protruding end on one end, corresponding to the sliding slot of the insulating housing, and a fastening end, opposite to the protruding end, slants upward and corresponds to the fastening slot of the insulating housing.
2. The electrical connector recited in claim 1, wherein the angle between the fastening slot and the PCB is better between 20° to 70° for engaging the fastening end of the metal shield.
- 15 3. The electrical connector recited in claim 1, wherein a plurality of fasteners are on the bottom of the power port and the top of the signal port of the insulating housing respectively for fitting in corresponding holes on the metal shield.
4. The electrical connector recited in claim 1, wherein two through holes are arranged on one port with two opposed ends for threading and bending the two “L” shape folding plates for holding the metal shield on the insulating housing.